

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Application of Dominique Charmot et al.
Serial No. 10/814,749
Filed March 30, 2004
Confirmation No. 7226
For ION BINDING COMPOSITIONS
Examiner Micah P Young

Art Unit 1618

TO THE COMMISSIONER FOR PATENTS,
SIR:

CERTIFICATE UNDER 37 CFR 3.73(b)

Relypsa, Inc. a Delaware corporation, certifies that it is the assignee in the patent application identified above by virtue of either:

A. [] An assignment from the inventor(s) of the patent application identified above. The assignment was recorded in the Patent and Trademark Office at Reel ___, Frame ___, or for which a copy thereof is attached.

OR

B. [X] A chain of title from the inventor(s) of the patent application identified above, to the current assignee as shown below:

1. From Dominique Charmot, John Fordtran, Han Ting Chang, Eric Connor, Mingjun Liu, and Gerrit Klaerner
to Symyx Therapeutics, Inc.

The document was recorded in the Patent and Trademark Office at Reel 015173 Frame 0426.

2. Symyx Therapeutics, Inc. changed its name to Ilypsa, Inc.

The document was recorded in the Patent and Trademark Office at Reel 014607 Frame 0905.

3. From Ilypsa, Inc. to Relypsa, Inc.,

for which a copy thereof is attached.

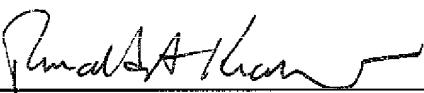
The undersigned (whose title is supplied below) is empowered to sign this certificate on behalf of the assignee.

I hereby declare that all statements made herein of my own knowledge are true, and that all statements made on information and belief are believed to be true; and

further, that these statements are made with the knowledge that willful false statements, and the like so made, are punishable by fine or imprisonment, or both, under Section 1001, Title 18 of the United States Code, and that such willful false statements may jeopardize the validity of the application or any patent issuing thereon.

1-18-08

Date



Signature

Ronald A. Krasnow
Senior Vice President, Intellectual Property &
Chief Patent Counsel

JSH/clp

ASSIGNMENT

WHEREAS ILYPSA, INC., (hereinafter, "ASSIGNOR"), a corporation organized and existing under the laws of the State of Delaware, and having a place of business at One Amgen Center Drive, Thousand Oaks, CA 91320-1799, is the assignee of interest in inventions set forth in U.S. and foreign patents and U.S. and foreign patent applications (collectively, "Patent Documents"), listed in Appendix A hereto;

WHEREAS RELYPSA, (hereinafter, "ASSIGNEE"), a corporation organized and existing under the laws of the State of Delaware, and having a place of business at 5301 Patrick Henry Drive, Santa Clara, CA 95054, is desirous of acquiring all interest in and to said inventions and to the Patent Documents listed in Appendix A;

NOW, THEREFORE, be it known to all whom it may concern:

THAT for good and valuable consideration the receipt of which is hereby acknowledged, ASSIGNOR has and does hereby sell, assign, transfer and set over unto ASSIGNEE, its successors and assigns, the full and exclusive right, title and interest, including all rights acquired in foreign countries, in and to said Patent Documents (listed in Appendix A, attached hereto and incorporated herein by reference), including any divisions, renewals, continuations in whole or in part, substitutions, conversions, reissues, prolongations or extensions thereof, and in and to any and all letters patents to be granted and issued therefor, not only for, to and in the United States of America, its territories and possessions, but for, to and in all other countries; and it has been and is hereby authorized and requested that the appropriate government agencies issue said letters patents to ASSIGNEE, its successors and assigns, in accordance with this assignment

ASSIGNOR HEREBY covenants and agrees that it has the full right to convey the interest herein assigned, and ASSIGNOR has not executed, and will not execute, any agreement in conflict herewith.

IN WITNESS AND IN TESTIMONY WHEREOF, I as a duly authorized representative of ASSIGNOR, hereunto set my hand on the date shown below.

THIS 8th day of January, 2008.

ILYPSA, INC

By:

Name:

Title:

Stuart L. Watt
Stuart L. Watt, V.P. Law &
Intellectual Property Officer

UNITED STATES OF AMERICA

State of California }
County of Ventura } ss:

January 8 2008

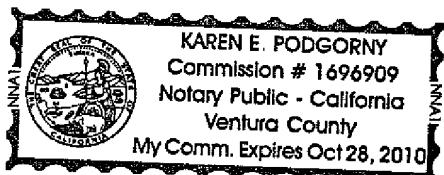
Before me, a Notary Public for Ventura County, State of California, personally appeared

Stuart L. Watt

who proved to me on the basis of satisfactory evidence to be the person whose name is subscribed to the within instrument and acknowledged to me that he/she executed the same in his/her authorized capacity, and that by his/her signature on the instrument the person, or the entity upon behalf of which the person acted, executed the instrument.

I certify under PENALTY OF PERJURY under the laws of the State of California that the foregoing paragraph is true and correct.

WITNESS my hand and official seal



Karen E. Podgorny

Notary Public

My commission expires

October 28

2010

Appendix A

| Country | Docket No. | Alt. Docket No. | Application No. |
|-------------------------|--------------------|-----------------|-----------------|
| UNITED STATES | 2004-002.A101.US | ILPS04021.101 | 3/30/04 |
| AUSTRALIA | 2004-002.A201.AU | ILPS04021.203 | 3/30/05 |
| BRAZIL | 2004-002.A201.BR | ILPS04021.204 | 3/30/05 |
| CANADA | 2004-002.A201.CA | ILPS04021.205 | 3/30/05 |
| CHINA | 2004-002.A201.CN | ILPS04021.206 | 3/30/05 |
| GERMANY | 2004-002.A201.DE | ILPS04021.207 | 3/30/05 |
| EUROPEAN PATENT CONVENT | 2004-002.A201.EP | ILPS04021.208 | 10/8/14,527 |
| UNITED KINGDOM | 2004-002.A201.GB | ILPS04021.209 | 2005/228696 |
| JAPAN | 2004-002.A201.JP | ILPS04021.211 | PI0509331-7 |
| SOUTH KOREA | 2004-002.A201.KR | ILPS04021.212 | 2557999 |
| MEXICO | 2004-002.A201.MX | ILPS04021.213 | 2.0058E+11 |
| WIPO | 2004-002.A201.PCT | ILPS04021.202 | 1.12005E+12 |
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| JAPAN | 2004-006.A301.JP | ILPS04006.306 | DCA |
| UNITED STATES | 2004-006.A101.US | ILPS04006.101 | NEW |
| UNITED STATES | 2004-006.A201.US.P | ILPS04006.201 | OTH |
| AUSTRALIA | 2004-006.A301.AU | ILPS04006.308 | DCA |
| CANADA | 2004-006.A301.CA | ILPS04006.304 | 10/13/04 |
| EUROPEAN PATENT CONVENT | 2004-006.A301.EP | ILPS04006.305 | 6/3/05 |
| HONG KONG | 2004-006.A301.HK | ILPS04006.309 | 2005/295708 |
| INDIA | 2004-006.A301.IN | ILPS04006.307 | DCA |
| UNITED STATES | 2004-006.A301.US | ILPS04006.301 | CIP |
| WIPO | 2004-006.A301.PCT | ILPS04006.302 | CEQ |
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| JAPAN | 2004-006.A301.JP | ILPS04006.306 | TBA |
| UNITED STATES | 2004-006.A101.US | ILPS04006.101 | 10/965,688 |
| UNITED STATES | 2004-006.A201.US.P | ILPS04006.201 | 60/687,272 |
| AUSTRALIA | 2004-006.A301.AU | ILPS04006.308 | DCA |
| CANADA | 2004-006.A301.CA | ILPS04006.304 | 10/13/05 |
| EUROPEAN PATENT CONVENT | 2004-006.A301.EP | ILPS04006.305 | 2583666 |
| HONG KONG | 2004-006.A301.HK | ILPS04006.309 | DCA |
| INDIA | 2004-006.A301.IN | ILPS04006.307 | 10/13/05 |
| UNITED STATES | 2004-006.A301.US | ILPS04006.301 | CIP |
| WIPO | 2004-006.A301.PCT | ILPS04006.302 | CEQ |
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| JAPAN | 2004-006.A301.JP | ILPS04006.306 | PENDING |
| UNITED STATES | 2004-006.A101.US | ILPS04006.101 | PUBLISHED |
| UNITED STATES | 2004-006.A201.US.P | ILPS04006.201 | EXPIRED |
| AUSTRALIA | 2004-006.A301.AU | ILPS04006.308 | PENDING |
| CANADA | 2004-006.A301.CA | ILPS04006.304 | PENDING |
| EUROPEAN PATENT CONVENT | 2004-006.A301.EP | ILPS04006.305 | PUBLISHED |
| HONG KONG | 2004-006.A301.HK | ILPS04006.309 | PENDING |
| INDIA | 2004-006.A301.IN | ILPS04006.307 | PENDING |
| UNITED STATES | 2004-006.A301.US | ILPS04006.301 | PUBLISHED |
| WIPO | 2004-006.A301.PCT | ILPS04006.302 | NAT PHASE |
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|---------------|-------------------|---------------|-----|----------|------------|-----------|
| UNITED STATES | 2000-001.A101.US | ILPS00001.105 | DCA | 5/21/03 | 10/432,371 | ABANDONED |
| WIPO | 2000-001.A101.PCT | ILPS00001.103 | NEW | 11/28/01 | CA01/01692 | NAT PHASE |
| WIPO | 2000-001.A201.PCT | ILPS00002.203 | NEW | 12/4/01 | CA01/01728 | PENDING |

Appendix A (continued)

| Country | Docket No. | Alt. Docket No. | Application No. | Patent No. |
|-------------------------|-------------------|-----------------|-----------------|--|
| UNITED STATES | 1994-001.A101.US | ILPS94001.101 | NEW | 2/14/94 08/195,009 16-Jan-96 5484773 ISSUED |
| ISRAEL | 1994-001.A101.IL | ILPS94001.102 | CEQ | 1/24/95 112428 18-Nov-99 112428 ISSUED |
| SOUTH AFRICA | 1994-001.A101.ZA | ILPS94001.113 | CEQ | 1/26/95 95/0630 27-Dec-95 95/0630 ISSUED |
| AUSTRALIA | 1994-001.A101.AU | ILPS94001.115 | DCA | 2/9/95 15727/95 11-Feb-99 698275 ABANDONED |
| CANADA | 1994-001.A101.CA | ILPS94001.104 | DCA | 2/9/95 2181359 03-Jul-01 2181359 ISSUED |
| SWITZERLAND | 1994-001.A101.EP | ILPS94001.109 | DCA | 2/9/95 95907526.8 26-May-04 744959 ISSUED |
| GERMANY | 1994-001.A101.EP | ILPS94001.106 | DCA | 2/9/95 69533084 26-May-04 95907526.8 ISSUED |
| EUROPEAN PATENT CONVENT | 1994-001.A101.EP | ILPS94001.105 | DCA | 2/9/95 95907526.8 26-May-04 744959 NAT PHASE |
| FRANCE | 1994-001.A101.EP | ILPS94001.107 | DCA | 2/9/95 95907526.8 26-May-04 744959 ISSUED |
| UNITED KINGDOM | 1994-001.A101.EP | ILPS94001.108 | DCA | 2/9/95 95907526.8 26-May-04 744959 ISSUED |
| IRELAND | 1994-001.A101.EP | ILPS94001.110 | DCA | 2/9/95 95907526.8 26-May-04 744959 ISSUED |
| JAPAN | 1994-001.A101.JP | ILPS94001.111 | DCA | 2/9/95 97-520869 PENDING |
| SOUTH KOREA | 1994-001.A101.KR | ILPS94001.118 | DCA | 2/9/95 1996-704399 ABANDONED |
| MEXICO | 1994-001.A101.MX | ILPS94001.112 | DCA | 2/9/95 95907526.8 ISSUED |
| NORWAY | 1994-001.A101.NO | ILPS94001.119 | DCA | 2/9/95 1996-3378 ABANDONED |
| NEW ZEALAND | 1994-001.A101.NZ | ILPS94001.120 | DCA | 2/9/95 279180 ABANDONED |
| NEW ZEALAND | 1994-001.A102.NZ | ILPS94001.121 | DI | 2/9/95 328329 ABANDONED |
| WIPO | 1994-001.A101.PCT | ILPS94001.103 | CEQ | 2/9/95 CA95/000060 NAT PHASE |
| ARGENTINA | 1994-001.A101.AR | ILPS94001.116 | CEQ | 2/10/95 330,985 04-Jul-01 AR255169M ABANDONED |
| VENEZUELA | 1994-001.A101.VE | ILPS94001.122 | CEQ | 2/10/95 0215-95 ABANDONED |
| UNITED STATES | 1994-001.A102.US | ILPS94001.114 | CON | 5/25/95 08/450,572 03-Jun-97 5635606 ISSUED |
| CHINA | 1994-001.A101.CN | ILPS94001.117 | CEQ | 2/9/05 95191615.7 17-Dec-03 ZL95191615.7 ABANDONED |
| UNITED STATES | 1998-001.A101.US | ILPS98001.101 | NEW | 5/28/98 09/085,032 or 11-Jan-00 6013635 ISSUED |
| AUSTRALIA | 1998-001.A101.AU | ILPS98001.110 | DCA | 5/27/99 41253/99 ABANDONED |
| CANADA | 1998-001.A101.CA | ILPS98001.103 | DCA | 5/27/99 2321927 PUBLISHED |
| CHINA | 1998-001.A101.CN | ILPS98001.109 | DCA | 5/27/99 99805510.7 ABANDONED |
| EUROPEAN PATENT CONVENT | 1998-001.A101.EP | ILPS98001.104 | DCA | 5/27/99 99924602.8 PUBLISHED |

| Country | Docket No. | Alt. Docket No. | Application No. | Patent No. |
|-------------------------|-------------------|-----------------|-------------------------|-------------------------|
| EUROPEAN PATENT CONVENT | 1998-001.A102.EP | ILPS98001.113 | 5/27/99 | 6009086.3 |
| HONG KONG | 1998-001.A101.HK | ILPS98001.105 | 5/27/99 | 1106612.4 |
| JAPAN | 1998-001.A101.JP | ILPS98001.106 | 5/27/99 | 2000-550491 |
| JAPAN | 1998-001.A102.JP | ILPS98001.114 | 5/27/99 | 2006-136969 |
| NORWAY | 1998-001.A101.NO | ILPS98001.111 | 5/27/99 | 2000 5992 |
| NEW ZEALAND | 1998-001.A101.NZ | ILPS98001.112 | 5/27/99 | 506474 |
| WIPO | 1998-001.A101.PCT | ILPS98001.102 | 5/27/99 | CA99/00484 |
| UNITED STATES | 1998-001.A102.US | CON | 10/18/99 | 09/419,790 or 22-Aug-00 |
| UNITED STATES | 1998-001.A201.US | CIP | 11/4/99 | 6107282 |
| UNITED STATES | 1998-001.A103.US | CON | 6/13/00 | 09/433,944 or 19-Mar-02 |
| ARGENTINA | 1998-001.A301.AR | ILPS98001.108 | 09/553,040 or 15-Oct-02 | |
| CANADA | 1998-001.A301.CA | ILPS98001.304 | 6465435 | |
| EUROPEAN PATENT CONVENT | 1998-001.A301.EP | ILPS98001.302 | 11/3/00 | 00 01 05629 |
| JAPAN | | ILPS98001.305 | 2388187 | |
| WIPO | | DCA | | |
| TAIWAN | | CEQ | | |
| | | CEQ | 12/1/00 | 89125617 |

Appendix A (continued)

| Country | Docket No. | Alt. Docket No. | Application No. |
|-------------------------|------------------|-----------------|--------------------------------------|
| UNITED STATES | 2004-003.A102.US | ILPS04031.102 | NEW 3/30/04 10/813,872 |
| UNITED STATES | 2004-002.B101.US | ILPS0402.101 | CIP 10/13/04 10/965,274 |
| UNITED STATES | 2004-003.A201.US | ILPS04031.201 | CIP 3/30/05 11/095,918 |
| UNITED STATES | 2004-002.A201.US | ILPS04021.201 | CON 3/30/05 11/095,760 |
| UNITED STATES | 2004-002.B201.US | ILPS04022.201 | CON 3/30/05 11/096,209 |
| | | | |
| HONG KONG | 2004-003.A201.HK | ILPS04031.214 | CEQ MAILED |
| UNITED STATES | 2004-003.A101.US | ILPS04031.101 | NEW 3/30/04 10/814,749 |
| AUSTRALIA | 2004-002.B201.AU | ILPS04022.203 | DCA 3/30/05 2005231424 |
| AUSTRALIA | 2004-003.A201.AU | ILPS04031.203 | DCA 3/30/05 2005231383 |
| BRAZIL | 2004-002.B201.BR | ILPS04022.204 | DCA 3/30/05 P10509366-0 |
| BRAZIL | 2004-003.A201.BR | ILPS04031.204 | DCA 3/30/05 P1508365-1 |
| CANADA | 2004-002.B201.CA | ILPS04022.205 | DCA 3/30/05 2558029 |
| CANADA | 2004-003.A201.CA | ILPS04031.205 | DCA 3/30/05 2557848 |
| CHINA | 2004-002.B201.CN | ILPS04022.206 | DCA 3/30/05 2.0058E+11 |
| CHINA | 2004-003.A201.CN | ILPS04031.206 | DCA 3/30/05 2.0058E+11 |
| GERMANY | 2004-002.B201.DE | ILPS04022.207 | DCA 3/30/05 1.12005E+12 |
| GERMANY | 2004-003.A201.DE | ILPS04031.207 | DCA 3/30/05 1.12005E+12 |
| EUROPEAN PATENT CONVENT | 2004-002.B201.EP | ILPS04022.208 | DCA 3/30/05 5732849.4 PENDING |
| EUROPEAN PATENT CONVENT | 2004-003.A201.EP | ILPS04031.208 | DCA 3/30/05 5731099.7 PENDING |
| UNITED KINGDOM | 2004-002.B201.GB | ILPS04022.209 | DCA 3/30/05 0621242.7 PUBLISHED |
| UNITED KINGDOM | 2004-003.A201.GB | ILPS04031.209 | DCA 3/30/05 621241.9 PUBLISHED |
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| JAPAN | 2004-002.B201.JP | ILPS04022.211 | DCA 3/30/05 2007-506580 |
| JAPAN | 2004-003.A201.JP | ILPS04031.211 | DCA 3/30/05 2007-506518 |
| SOUTH KOREA | 2004-002.B201.KR | ILPS04022.212 | DCA 3/30/05 10-2006-7022539 |
| SOUTH KOREA | 2004-003.A201.KR | ILPS04031.212 | DCA 3/30/05 10-2006-7022533 |
| MEXICO | 2004-002.B201.MX | ILPS04022.213 | DCA 3/30/05 PA/a/2006/011274 PENDING |

| Country | Docket No. | Alt. Docket No. | Application No. |
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| MEXICO | 2004-003.A201.MX | ILPS04031.213 | PA/a/2006/011270 |
| WIPO | 2004-002.B201.PCT | ILPS04022.202 | 2005/10978 |
| WIPO | 2004-003.A201.PCT | ILPS04031.202 | 2005/010747 |
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| UNITED STATES | 2005-003.A101.US.P | ILPS05031.101 | 60/723,073 |
| WIPO | 2005-003.A201.PCT | ILPS05031.201 | 2006/038602 |
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| UNITED STATES | 2005-004.A101.US.P | ILPS05041.101 | 60/723,055 |
| WIPO | 2005-004.A201.PCT | ILPS05041.201 | 2006/038900 |
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| UNITED STATES | 2005-002.A101.US.P | ILPS05021.101 | 60/723,232 |
| WIPO | 2005-002.A201.PCT | ILPS05021.201 | 2006/38899 |
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| UNITED STATES | 2005-003.A301.US | ILPS05031.301 | ABANDONED |
| | | NEW | |